

PATENT ABSTRACTS OF JAPAN

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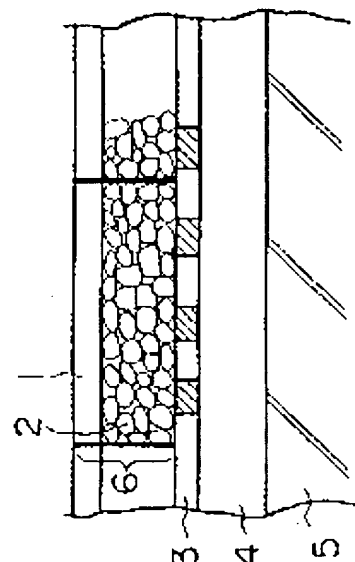
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(54) VENTILATIVE CARPET TILE

(57)Abstract:

PURPOSE: To form an air inlet and outlet for air conditioning through a floor without spoiling the beautiful view of the floor by sticking ventilative packing layers which are composed mainly of rubber chips and can secure a specific range of porosity to the backside of a carpet.

CONSTITUTION: While any type of carpet, whether of a needle type or of a tuft type, can be used for this ventilative carpet tile, it is preferable to use a highly ventilative one. The packing layer used for this purpose is formed to a ventilative sheet-like material having a porosity of 10-70%, preferably 30-60%, and a desirable thickness of about 2-10mm by sticking rubber chips to each other at sections where they are in contact with each other with a bonding agent. Both of natural and synthetic rubber can be used for the rubber chips and, according to circumstances, the rubber chips can be manufactured from waste tires. Although the size of the rubber chips varies depending upon the thickness of the carpet, the size is usually set at 1-7mm, preferably 4-6mm. This carpet tile is manufactured by sticking the separately produced packing layers to the carpet.



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